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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/507,927	09/17/2004	Tomomi Tateishi	1330-0141PUS1	6806

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EXAMINER	
MCCLELLAND, KIMBERLY K	
ART UNIT	**PAPER NUMBER**
1734	

DATE MAILED: 10/28/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/507,927	TATEISHI, TOMOMI	
	Examiner	Art Unit	
	Kimberly K. McClelland	1734	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *17 September 2004*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-16* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-16* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☒ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☒ All b)☐ Some * c)☐ None of:

1.☒ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Specification

1. The specification is objected to because of the following informalities:

The use of the trademark TEFLON has been noted in this application. It should be capitalized wherever it appears and be accompanied by the generic terminology.

Although the use of trademarks is permissible in patent applications, the proprietary nature of the marks should be respected and every effort made to prevent their use in any manner which might adversely affect their validity as trademarks.

Appropriate correction is required.

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

> The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 1 and 13 rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The term, "receiving surface" is indefinite, because it fails to disclose which surface of the laminate it is referring to.

3. Claim 11 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The use of the trademark TEFLON is indefinite. It is important to recognize that a trademark or trade name is used to identify a source of

goods, and not the goods themselves. Thus a trademark or trade name does not identify or describe the goods associated with the trademark or trade name.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1-16 are rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 6,194,119 B1 to Wolk et al.

With respect to Claim 1, Wolk et al. discloses a method for thermal transfer for forming organic electroluminescent devices. Wolk et al. discloses heating (column 4, lines 31-37) and pressing (column 7, lines 18-22) a transfer material having an organic thin-layer (column 2, lines 38-41) formed on a temporary support (column 1, line 66-column 2, line 5) and a first laminate comprising a substrate (column 19, lines 17-22) and at least a transparent conductive layer or a rear-surface electrode (column 19, lines 42-45) formed on said substrate, which are overlapped each other such that said organic thin-film layer of said transfer material faces a receiving surface of said first laminate (See Figure 5A), thereby forming a laminate structure; peeling said temporary support from said laminate structure to transfer said organic thin-film layer to said receiving surface of said first laminate (column 12, lines 9-13); and bonding a second laminate (column 12, lines 45-56) comprising a substrate (copper phthalocyanine,

column 23, lines 41-42) and at least a rear-surface electrode or a transparent conductive layer (aluminum cathode, column 23, lines 44-45) formed on said substrate to said organic thin-film layer transferred onto said first laminate (column 32, line 15-column 24, line 22 and column 12, lines 9-13).

As to Claim 2, Wolk et al. discloses transferring by heating and pressing (column 7, lines 18-22).

As to Claim 3, Wolk et al. discloses the heating is carried out by an infrared heater (column 8, lines 38-40 and column 4, lines 31-37).

As to claim 4, Wolk et al. discloses the transfer material is formed by a wet method (coating, column 5, lines 48-50).

As to claim 5, Wolk et al. discloses the second laminate has an organic thin-film layer formed on the rear-surface electrode (column 23, lines 47-49).

As to claim 6, Wolk et al. discloses the first laminate and second laminate have a thermal expansion coefficient of 20ppm/°C or less (column 19, lines 17-29, column 15, lines 48-59, column 32, line 15-column 24, line 22).

As to claim 7, Wolk et al. discloses the organic thin-film layer contains at least a light-emitting, organic compound or a carrier-transporting, organic compound (column 2, lines 37-41).

As to claim 8, Wolk et al. discloses a hole-transporting, organic thin-film layer, a light-emitting, organic thin-film layer and an electron-transporting, organic thin-film layer are successively transferred (column 15, lines 11-16, and column 16).

As to claim 9, Wolk et al. discloses at least one of said first substrate and said second substrate is provided with a transparent conductive layer (column 15, lines 40-43).

As to claim 10, Wolk et al. discloses at least one of said temporary support and said substrate is in the form of a continuous web (column 7, lines 9-11).

As to claim 11, Wolk et al. discloses the substrate is made of at least one material selected from the group consisting of polyimides; polyesters; polycarbonates; polyether sulfone; metal foils such as aluminum foil, copper foil, stainless steel foil, gold foil, silver foil; plastic sheets of liquid crystal polymers; fluorine-containing polymers such as polytchloroziuoroethylene), Teflon, polytetrafluoroethylene-polyethylene copolymers (column 19, lines 17-29).

As to claim 12, Wolk et al. discloses a device formed from claim 1 (column 15, lines 55-column 16, line 22).

As to claim 13, Wolk et al. discloses heating (column 4, lines 31-37) and pressing (column 7, lines 18-22) a transfer material having an organic thin-layer (column 2, lines 38-41) formed on a temporary support (column 1, line 66-column 2, line 5) and a first laminate comprising a substrate (column 19, lines 17-22) and at least a transparent conductive layer or a rear-surface electrode (column 19, lines 22-29) formed on said substrate, which are overlapped each other such that said organic thin-film layer of said transfer material faces a receiving surface of said first laminate (See Figure 5A), thereby forming a laminate structure; peeling said temporary support from said laminate structure to transfer said organic thin-film layer to said receiving surface of said first

laminate (column 12, lines 9-13); and bonding a second laminate (column 12, lines 45-56) comprising a substrate (copper phthalocyanine, column 23, lines 41-42) and at least a rear-surface electrode or a transparent conductive layer (aluminum cathode, column 23, lines 44-45) formed on said substrate to said organic thin-film layer transferred onto said first laminate (column 32, line 15-column 24, line 22 and column 12, lines 9-13).

As to claim 14, Wolk et al. discloses transferring by heating and pressing (column 7, lines 18-22).

As to Claim 15, Wolk et al. discloses the heating is carried out by an infrared heater (column 8, lines 38-40 and column 4, lines 31-37).

As to claim 16, Wolk et al. discloses the second laminate has an organic thin-film layer formed on the rear-surface electrode (column 23, lines 47-49).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kimberly K. McClelland whose telephone number is (571) 272-2372. The examiner can normally be reached on 8:00 a.m.-5 p.m. Mon-Fri..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris A. Fiorilla can be reached on (571)272-1187. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kam McClelland

KKM

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